



Technical Service Bulletin

34 Transmission oil leak at the auxiliary hydraulic pump

34 21 52 2062540/1 March 10, 2021.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2017 - 2020	All	0GC transmission
TT	2019 - 2021	All	0GC transmission

Condition

Customer states:

- There is an oil leak under the front of the vehicle.

Workshop findings:

- Oil leak confirmed from the area of the transmission auxiliary hydraulic pump (V475) and the transmission housing (Figures 1 - 2).



Figure 1. Oil leaking in area of the auxiliary hydraulic pump (V475).



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Figure 2. Oil leaking in area of the auxiliary hydraulic pump (V475) detail.

Technical Background

There is an issue with O-ring of auxiliary hydraulic pump (V475).

Production Solution

Not applicable.

Service

Clean gearbox housing/perform short test drive to warm up gearbox/locate leak and (if necessary) replace O-ring for electric motor for auxiliary hydraulic pump 1 (V475).

1. Clean and remove all oil residue from the transmission and allow the surface to dry. Confirm the exact location of the leak by applying oil leak tracing powder to the suspected areas of the leak. Do **not** use oil dyes in any Audi transmissions.



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2. Spray oil leak detection spray (part number: G 001 900 A1 or equivalent) on the affected area and assess the leak again (Figure 3).

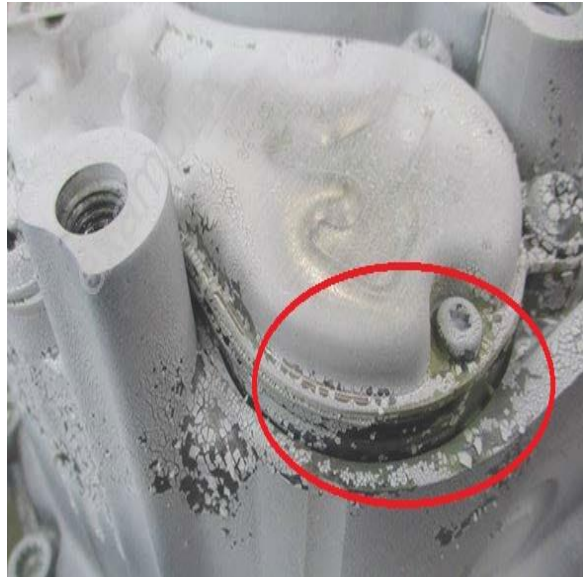


Figure 3. Example of gear oil leaking in area of auxiliary hydraulic pump (V475).

3. Perform a short test drive to warm up the gearbox (oil temperature at least 80° C).

Option A. If it is clear, the leak is between the electric motor for auxiliary hydraulic pump (V475) and the transmission housing. Document your findings and please take photos of the leak and retain them with the repair order. Photos should:

- Have a date stamp and VIN reference.
- Be taken in focus and with sufficient light.

The O-ring (item 33, highlighted in yellow in Figure 4) for the electric motor for auxiliary hydraulic pump 1 (V475) must then be replaced according to the repair manual.



Figure 4. O-ring for electric motor for auxiliary hydraulic pump (V475).



Tip: Lubricate the O-ring and the area of the transmission that the seal contacts with ATF to prevent damage to the O-ring during installation.

Option B: If the O-ring for the electric motor for auxiliary hydraulic pump (V475) is not determined as the cause of the leak, this TSB does not apply. Please continue diagnosis outside of this TSB.



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Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	3857		
Damage Code:	0015		
Labor Operations:	Noise dampening pan remove + reinstall	1082 1900	See SRT with associated operations
	Clean gearbox and treat with leak detection spray	3435 2999	20 TU
	Check hydraulic pump	3479 0199	10 TU
	Vehicles with front-wheel drive:		
	Hydraulic pump remove + reinstall	3479 1900	See SRT with associated operations
	Vehicles with four-wheel drive:		
	Hydraulic pump remove + reinstall	3479 1950	See SRT with associated operations
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2062540/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.



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Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts and Screws as needed per the Repair Manual	See ETKA/ELSA
G 001900A1 (or equivalent)	Oil leak locating spray	Shop Supply
0GC927115	O-ring	01

Additional Information

All parts and service references provided in this TSB (2062540) are subject to change and/or removal.

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